

Access Services

3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont.)

3.2 Access Order (Cont.)

3.2.2 Access Service Order Modifications (Cont.)

- 3.2.2.3 Expedited Order Charge: When placing an Access Order for service(s) for which a Standard Interval exists, a Customer may request a Service Commencement Date that is earlier than the Standard Interval Service Date, in which case an Expedite Charge will apply. The Expedite Charge will not apply if the new Service Commencement Date is more than five days from the date of the request to the Company of the expedited order request. The request for an earlier service date may be received from the Customer prior to its issuance of an ASR, or after the ASR has been issued but prior to the service date. The Company has the exclusive right to accept or deny the Expedite Order request. However if, upon reviewing availability of equipment and scheduled work load, the Company agrees to provide service on an expedited basis and the Customer accepts the Company's proposal, an Expedite Charge will apply.

If the Company is subsequently unable to meet an agreed upon expedited service date, then the Expedite Charge will not apply.

In the event the Company provides service on an expedited basis on the Customer's request, and the Customer delays service or is not ready for delivery of service at the time of installation, a Service Date Change Charge will apply in addition to the Expedite Charge.

In the event that the Customer cancels an expedite request, the Expedite Charge will be added to any applicable Cancellation Charge specified herein.

In the event that the Customer requests a Service Date Change after the Company has received the original expedite request, the Expedite Charge will still apply.

An Expedite Charge will not be applied to orders expedited for Company reasons.

If costs other than additional administrative expenses are to be incurred when the Access Order is expedited, the regulations and charges for Special Construction as set forth in this tariff will apply.

The Expedited Order Charge will apply on a per order, per occurrence basis, as specified in Section 7.4.2.

- 3.2.3 Cancellation of an Access Service Request: A Customer may cancel an ASR for the installation of Switched Access Service at any time prior to notification by the Company that service is available for the Customer's use. The cancellation date is the date the Company receives written or verbal notice from the Customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. A Customer may negotiate an extension of a service date of an ASR for installation of new services or rearrangement of existing service, in which case a Service Date Change Charge will apply. However, the new service date cannot exceed the originally established service date by more than 30 calendar days. On the 31st day beyond the original service date, the ASR will be cancelled and the appropriate Cancellation Charge will be applied.

Issued:

Julie L. Davis
Manager, Rates and Tariffs

Effective:

MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont.)

3.2 Access Order (Cont.)

3.2.3 Cancellation of an Access Service Request (Cont.)

Except as stated herein, Cancellation Charges will apply as specified in Section 7.4.3.

If the cancellation occurs prior to the Company's receiving the ASR, no charges shall apply.

A Customer may cancel an ASR for the installation of Special Access Service without incurring a charge at any time prior to the acceptance of a Negotiated Interval Service Date by the Customer. Cancellation Charges will apply for Special Access Service if the Customer cancels more than 48 hours after the Application Date. Cancellation Charges for Expedited Orders will be applied for any order cancelled from the Application Date forward.

If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than 30 days due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotions, the Company shall not be liable for such delay and the Customer may cancel the ASR without incurring cancellation charges.

3.2.4 Minimum Period of Service: The minimum period for which Access Service is provided and for which charges are applicable is one month.

3.2.4.1 The following changes will be treated as a discontinuance of the existing service and a request for installation of a new service. All associated Non-Recurring Charges will apply for the new service, and a new minimum period will be established:

- (1) A change in the identity of the Customer of record;
- (2) A move by the Customer to a different building;
- (3) A change in type of service;
- (4) A change in Switched Access Service Interface (i.e., DS1 or DS3);
- (5) A change in Switched Access Service Traffic Type;
- (6) A change in type of Special Access Service Channel Termination;
- (7) A change from 2-point to multipoint Special Access Service.

3.2.4.2 When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

For Switched Access Service, the charge for a month or fraction thereof is the applicable minimum monthly charge for the capacity made available to the Customer.

For Special Access Service facilities, the charge for a month or fraction thereof is the applicable monthly charge for the service as set forth in this tariff.

All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

3. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont.)

3.2.4 Minimum Period of Service (Cont.)

3.2.4.2 When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

For Switched Access Service, the charge for a month or fraction thereof is the applicable minimum monthly charge for the capacity made available to the Customer.

For Special Access Service facilities, the charge for a month or fraction thereof is the applicable monthly charge for the service as set forth in this tariff.

All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

4 SPECIAL ACCESS SERVICE

4.1 General

Special Access Service consists of any of the services offered hereunder, either individually or in combination. Each service is offered independently of all others.

4.2 Transmission Service

4.2.1 Transmission Service is offered via the Company's facilities for the transmission of one-way and two-way communications.

4.2.2 Digital Channels over the Company's Network are furnished for full-duplex transmission of digital signals at operating speeds as follows:

2.4 Kbps
4.8 Kbps
9.6 Kbps
19.2 Kbps
56.0 Kbps
64.0 Kbps (DS-0)
1.544 Mbps (DS-1)
44.736 Mbps (DS-3)

Digital Channels operating at speeds other than those listed above may be provided at the Company's option on an Individual Case Basis (ICB). The rates for the operating speeds outlined above are described in Section 6.2.

4.2.3 Digital Channels furnished by the Company at 1.544 Mbps, interconnections to such Channels and equipments interfacing to such Channels shall meet the following characteristics:

Line Rate: 1.544 Mbps + 130 ppm

Line Code 1: Bipolar (Alternate Mark)
Inversion

Line Code 2: Bipolar 8 zero substitution
(B8ZS)

Line Impedance: 100 ohms + 5% balanced

Jitter: The multiplexer will add not more than 0.3 time slot
of rms jitter to a DS-1 signal when looped at the
DS-3 point.

4.2.4 Digital Channels furnished by the Company at 44.736 Mbps, interconnections to such Channels and equipment interfacing to such Channels shall meet the following technical characteristics:

Line Rate: 44.736 Mbps + 20 ppm

Line Code: Bipolar with three-zero
substitution (B3ZS)

Line Impedance: 75 ohms (+) 5 percent unbalanced

Issued:

Julie L. Davis
Manager, Rates and Tariffs

Effective:

MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5. SWITCHED ACCESS SERVICE

5.1 General

Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a two-point communications path between a Customer's Premises and an End User's Premises. It provides for the use of common terminating, switching and transport facilities. Switched Access Service provides the ability to originate calls from an End User's Premises to a Customer's Premises, and to terminate calls from a Customer's Premises location to an End User's Premises.

Rates and charges are set forth in Section 7.6. The application of rates for Switched Access Service is described in Section 7.4.

5.2 Provision and Description of Switched Access Service Arrangements

Switched Access Service is provided in the following service type:

5.2.1 Feature Group D (FGD) Access

FGD Access, which is available to all Customers, is provisioned at the DS1 level and provides trunk-side access to Company Local Switching Center switches, with an associated uniform 10XXX Access Code for the Customer's use in originating and terminating communications. Basic FGD service will be provided with Multi-Frequency In Band Signaling (SS7 is also available as a Common Switching Option for Feature Group D). In addition, Conventional Signaling for direct Carrier Trunk groups is available at the Customer's option. End Users of the Customer's service may also originate calls to certain FGD Access Customers without dialing the 10XXX Access Code if the End User is presubscribed, as described herein.

The Access Code for FGD switching is a uniform Access Code of the form 10XXX. A single Access Code will be the assigned number of all FGD access provided to the Customer by the Company. No Access Code is required for calls to a Customer over FGD Switched Access Service if the End User's telephone exchange service is arranged for Presubscription to that Customer, as set forth herein.

Where no Access Code is required, the number dialed by the Customer's End User shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated Customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the Customer's End User is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the Local Switching Center is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 10XXX Access Code is used, FGD switching also provides for dialing the digit 0 for access to the Customer's operator, 911 for access to the Company's emergency service, or the end-of-dialing digit (#) for cut-through access to the Customer's Premises.

In addition, End Users may originate calls by dialing the 950-XXXX Access Code specific to a particular Interexchange Carrier, provided that the Interexchange Carrier has subscribed to the Company's Feature Group D with 950 Access Common Switching Optional Feature. If the End User is presubscribed to that Interexchange Carrier, no Access Code is necessary.

5.2.2 Manner of Provision

Trunks used for Switched Access Service may be configured for one-way (either originating only or terminating only) or for two-way directionality. It is the Customer's responsibility to order a sufficient number of trunks of each type in order to meet its desired grade of service objective. At the Customer's request, the Company will assist the Customer in sizing Switched Access Trunk groups.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

5. SWITCHED ACCESS SERVICES (Cont.)

5.2 Provision and Description of Switched Access Service Arrangements (Cont.)

5.2.3 Rate Categories

The following rate categories apply to Switched Access Service:

- A. Direct Connect
- B. Tandem Connect
- C. 800 Data Base Access Service
- D. Optional Features

5.2.3.1 Except as stated as follows, Tandem Connect Service is provided in conjunction with the tandem provider serving the area. Charges are computed in accordance with Section 2.5.2.7 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Telephone Company is Involved).

5.2.3.1.1 Direct Connect: The Company will provide Direct Connect between the Customer's Premises and the Company's Local Switching Center switch(es). This transmission path is Dedicated to the use of a single Customer. DS1 and DS3 facilities are available for Direct Connect Service. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. For DS3 facilities, if the Company is required to install additional fiber optic equipment for the benefit of the Customer, then the Customer has the option to choose either an optical or electrical interface.

The Customer must order Direct Connect under one of two rate options:

Option 1: This Direct Connect rate category is comprised of a monthly facilities charge and a per minute of use charge.

Option 2: This Direct Connect rate category is comprised of three rate elements:

1) Termination Charge; 2) Network Charge; and 3) Local Switching Center Charge. In addition, where applicable, a monthly facilities charge will apply.

Termination Charge: Provides for the electronics in the building and any inside wiring and/or multiplexing.

Network Charge: Provides for the use of the Company's Network.

Local Switching Center Charge: Provides for the use of Company switching equipment to complete the transmission of Switched Access Service communications to and from the End Users served by the Company's Local Switching Center.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5. SWITCHED ACCESS SERVICES (Cont.)

5.2 Provision and Description of Switched Access Service Arrangements (Cont.)

5.2.3 Rate Categories (Cont.)

5.2.3.1 (Cont.)

5.2.3.1.2 Tandem Connect: Tandem Connect consists of circuits from the Customer's tandem provider to the Company's Local Switching Center.

The Customer must order Tandem Connect under one of two rate options:

Option 1: This Tandem Connect rate category is comprised of a Minutes of Use (MOU) based charge.

Option 2: This Tandem Connect rate category is comprised of three rate elements: 1) Termination Charge; 2) Network Charge; and 3) Local Switching Center Charge, as described in Section 5.2.3.1.1, above.

5.2.3.1.3 800 Data Base Access Service

800 Data Base Access Service is a service offering utilizing originating Trunk side Switched Access Service. When an 8XX + NXX + XXXX call is originated by an End User, the Company will perform Customer identification based on screening of the full ten-digits of the 8XX number to determine the Customer location to which the call is to be routed.

The 800 Data Base charge, which consists of a single, fixed rate element, applies on a per query basis.

5.2.3.1.4 Switched Access Service Optional Feature

5.2.3.1.4.1 Nonchargeable Optional Features: Where transmission facilities permit, the Company will, at the option of the Customer, provide the following nonchargeable optional feature, as described in Section 5.5.1, in association with Switched Access Service.

(a) Supervisory Signaling

5.2.3.1.4.2 Chargeable Optional Features: Where transmission facilities permit, the Company will, at the option of the Customer, provide the following chargeable optional features, as described in Section 5.5.2, in association with Switched Access Service.

(a) 800 Data Base Access Service Basic Query

(b) Signaling Transfer Point Access

5.2.3.1.4.3

Feature Group D Optional Features

Following are the various optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group D. Optional features are provided as Common Switching Optional Features as described in Section 5.5.3.1.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5 SWITCHED ACCESS SERVICES (Cont.)

5.2 Provision and Description of Switched Access Service Arrangements (Cont.)

5.2.3 Rate Categories (Cont.)

5.2.3.1 (Cont.)

5.2.3.1.4 Optional Features (Cont.)

5.2.3.1.4.3 Feature Group D Optional Features (Cont.)

5.2.3.1.4.3.1 Common Switching Optional Features: At the Customer's option, the following standard features are available at the rates specified in Section 7.4.7.1:

- a) Alternate Traffic Routing
- b) Automatic Number Identification (ANI)
- c) Cut-Through
- d) Service Class Routing
- e) Feature Group D with 950 Access
- f) Signaling System Seven (SS7)
- g) Basic Initial Address Message Delivery
- h) Called Directory Number Delivery
- i) Flexible Automatic Number Identification Delivery

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5. SWITCHED ACCESS SERVICES (Cont.)

5.2 Provision and Description of Switched Access Service Arrangements (Cont.)

- 5.2.4 Billing Validation Service: The Company shall arrange to have its billing validation data stored in one of the existing Line Information Databases (LIDB). It will be the responsibility of the Customer to identify this database through established industry procedures and to query the billing validation data in the LIDB. Based on the received query information, the LIDB will respond with an SS7 formatted confirmation of validity or denial for the requested billing option. Access to LIDB provides Customers with potential toll fraud detection.

The LIDB will contain a record for every working line number and Billed Number Group served by the Company.

The Company will update the LIDB information on a daily basis.

LIDB service is provided on an on-line, call-by-call basis. Company data accessed from the LIDB shall remain the sole property of the Company and may not be stored or reproduced by the Customer for any reason.

The Company will have procedures in place to deactivate billing validation data in the event that it is being used fraudulently.

- 5.2.5 Design Layout Report: At the request of the Customer, the Company will provide to the Customer the makeup of the facilities and services provided from the Customer's Premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the Customer at no charge.

- 5.2.6 Acceptance Testing: At no additional charge, the Company will, at the Customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling.

- 5.2.7 Ordering Options and Conditions: Access Service is ordered under the Access Order provisions set forth in Section 3.2. Also included in that section are other charges which may be associated with ordering Switched Access Service.

- 5.2.8 Competitive Pricing Arrangements: Competitive pricing arrangements for Local Transport-Entrance Facilities and Local Transport-Direct Trunked Transport can be furnished to meet the communication needs of specific customers on a case by case basis under individual contract.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5. SWITCHED ACCESS SERVICES (Cont.)

5.3 Obligations of Company

In addition to the obligations of the Company set forth in other sections of this tariff, the Company has certain other obligations concerning the provision of Switched Access Service. These obligations are as follows:

5.3.1 Network Management

The Company will administer its Network to ensure the provision of acceptable service levels to all telecommunications users of the Company's Network Services. Generally, service levels are considered acceptable only when both End Users and Customers are able to establish connections with little or no delay encountered within the Company Network. The Company reserves the right to apply protective controls, (i.e., those actions, such as call gapping, which selectively cancel the completion of traffic), over any traffic carried over its Network, including that associated with a Customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Company or Customer facilities, natural disasters, mass calling or national security demands. The Customer will notify the Company of anticipated peaked services as stated below. Based on the information provided, the Company will work cooperatively with the Customer to determine the appropriate level of control. In the event that the protective controls applied by the Company result in the complete loss of service by the Customer, the Customer will be granted a credit allowance for service interruption as set forth in 2.6.

When a Customer uses the Company's facilities to offer services for which a substantial call volume or peaked service is expected during a short period of time, the Customer must notify the Company at least 24 hours in advance of each peak period. For events scheduled during weekends or holidays, the Company must be notified no later than 5:00 p.m. local time the prior business day. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the NPA NXX and line number(s) to be used. On the basis of the information provided, the Company may invoke network management controls if required to reduce the probability of excessive Network congestion. The Company will work cooperatively with the Customer to determine the appropriate level of such control. Failure to provide prescribed notification may result in Customer caused Network congestion, which could result in discontinuance of service under Section 5.5 and/or damages under Section 2.1.4.

5.4 Obligations of the Customer

In addition to obligations specified elsewhere in this tariff, the Customer has certain specific obligations pertaining to the use of Switched Access Service, as follows:

- 5.4.1 Report Requirements: When a Customer orders Switched Access Service for both interstate and intrastate use, the Customer is responsible for providing Jurisdictional Reports as set forth in Section 2.3.3 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth therein.
- 5.4.2 Supervisory Signaling: The Customer's facilities at the premises of the ordering Customer shall provide the necessary On-Hook, Off-Hook answer and disconnect supervision.
- 5.4.3 Design of Switched Access Services: It is the Customer's responsibility to assure that sufficient Access Services have been ordered to handle its traffic.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.

Effective:

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5. SWITCHED ACCESS SERVICES (Cont.)

5.5 Switched Access Optional Features: Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups for Switched Access Service.

5.5.1 Nonchargeable Optional Feature

- (a) Supervisory Signaling: Where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capability, the Customer may order an optional supervisory signaling arrangement in the form of Multi-frequency (MF) Signaling for each transmission path.

5.5.2 Chargeable Optional Features

- (a) 800 Data Base Access Service: The Customer will be charged a per query charge based on a query of the 8XX-NXX-XXXX dialed and/or delivered to the Customer in conjunction with 800 Data Base Access Service.
- (b) Signaling Transfer Point Access: The Customer will be charged a per mile charge and a per port charge for access to a specialized switch which provides SS7 network access and performs SS7 messaging routing and screening. If a Customer is connected to a third party SS7 service provider, an additional charge, as specified in Section 7.4.5.2 will apply.

5.5.3 Feature Group D Optional Features

5.5.3.1 Common Switching Optional Features

- a) Alternate Traffic Routing: This option provides the capability of directing originating traffic from a Local Switching Center to a direct access Trunk group, with additional traffic overflowing to the access tandem Trunk group and then to a Customer designated Premises. Multiple Customer Premises Alternate Routing is also available where originating traffic from a Local Switching Center is directed via a Trunk group to a Customer designated Premises until that group is fully loaded, and then additional originating traffic from the same Local Switching Center or access tandem is delivered via a different Trunk group to a second Customer designated Premise. The Customer shall specify the last Trunk CCS desired for the high use group.
- b) Automatic Number Identification (ANI): This option provides the automatic in-band transmission signaling of a seven or ten digit number and information digits to the Customer's Premises for calls originating in the LATA for the identification of the calling station. The ANI feature is a Local Switching Center software function which is associated on a call-by-call basis with: 1) all individual transmission paths in a trunk group routed directly between a Local Switching Center and a Customer's Premises; or where technically feasible, 2) all individual transmission paths in a Trunk group between a Local Switching Center and an Access Tandem, and a Trunk group between an Access Tandem and a Customer's Premises.

The ten-digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multi-party line or ANI failure, in which case only the NPA will be transmitted.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

5. SWITCHED ACCESS SERVICES (Cont.)

5.5 Switching and Terminating Optional Features (Cont.)

5.5.3 Feature Group D Optional Features (Cont.)

5.5.3.1 Common Switching Optional Features (Cont.)

- c) Cut-Through: This option allows End Users of the Customer to reach the Customer's Premises by using the end of dialing digit (#) at the end of the dialing sequence. The Company will not record any other dialed digits for these calls.
- d) Service Class Routing: This option provides the capability of directing originating traffic from a Local Switching Center to a Trunk group to a Customer designated Premises, based on the line class of service and service prefix indicator. A domestic Interexchange Carrier may not order more than four different routes per Local Switching Center or Access Tandem. An international Interexchange Carrier may order up to four additional routes.
- e) Feature Group D with 950 Access: This option provides for the routing of originating calls, dialed using a 950-10XX or 950-1XXX Access Code, to the FGD Customer using FGD signaling protocols and technical specifications. The Customer is responsible for distinguishing between standard FGD calls and 950-dialed calls delivered over the same trunks.
- f) Signaling System Seven (SS7): This option provides out of band transmission of SS7 protocol signaling information between the Local Switching Center switching system and the Customer's designated Premises. Prior to installation of any SS7 circuits, the Customer must agree to participate in SS7 certification testing. The Company will provide a testing plan to the Customer, and reserves the right to deny SS7 connectivity if the Customer's circuits do not meet the testing requirements.
- g) Basic Initial Address Message Delivery: This option permits the following optional SS7 signaling call setup parameters: User Service Information, Called Party Number, Calling Party Number, Charge Number, Originating Line Information, Transit Network Selection, Carrier Selection, Service Code and Access Transport.
- h) Called Directory Number Delivery: This option provides the Customer with the telephone number to which the call was directed. The seven or ten digit number is provided as part of the in-band transmission with MF signaling. The Called Directory Number Delivery feature is associated on a call-by-call basis with all individual transmission paths in a Trunk group routed from an Access Tandem or the originating Local Switching Center. This option is available except when FGD is provided with 950 access or Cut-Through features.
- i) Flexible Automatic Number Identification Delivery: This feature is a network enhancement to ANI. The feature is available on inbound signaling or in the Originating Line Information Parameter in the Basic Initial Address Message Delivery optional feature for SS7 signaling. Flexible ANI will provide additional values for Information Indicator (II) digits that are associated with various classes of service not associated with the standard ANI digits. This feature may only be used in conjunction with ANI. The following Information Indicator codes are available: Confinement/Detention Facility; Outward Wide Area Telecommunications Service; Cellular Service; Private Pay Station; and, Access for Private Virtual Networks.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

6. SPECIAL ACCESS RATES

6.1 Special Construction

6.1.1 Basis for Rates and Charges

Rates and charges for special construction will be determined by the Company on an Individual Case Basis and based, in part, on the costs incurred by the Company and may include (1) non-recurring type charges, (2) recurring type charges, (3) termination liabilities, or (4) combinations thereof.

6.1.2 Termination Liability

To the extent that there is no other requirement for use by the Company, a termination liability may apply for facilities specially constructed at the request of the Customer.

6.1.2.1 The termination liability period is the initial service term with respect to said specially constructed facilities.

6.1.2.2 The amount of the maximum termination liability is equal to the rates and charges established pursuant to 6.1.1 above:

6.1.2.3 The applicable termination liability charge is based on the normal method for calculating the unpaid balance of a term obligation. The amount of such charge is obtained by multiplying the sum of the amounts determined as set forth in Section 6.1.2.2 preceding by a factor related to the unexpired period of liability and the discount rate for return and contingencies. This product is adjusted to reflect applicable taxes.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

6. SPECIAL ACCESS RATES (Cont.)

6.2 Transmission Service

6.2.1 General

Rates are composed of three elements which may apply to a Customer's service, depending upon the specific service requested and its location.

6.2.1.1 The Channel termination rate element provides for the termination of the communications path at the Customer designated location. One Channel termination charge applies for each Customer designated location at which a Channel is terminated.

6.2.1.2 The Channel mileage rate element is determined by the Vertical, and Horizontal Coordinates ("V&H") method, as set forth on the National Exchange Carrier Association Tariff, F.C.C. No.4. When the calculation results in a fraction of a mile, the total is rounded up to the next whole mile before applying the rate.

6.2.1.3 Optional Features for which charges are applied only include multiplexing.

6.2.2 Voice Grade Service

There are two types of Voice Grade Services. The service is compatible with either 2-wire ground start and loop start equipment or 4-wire E/M signaling equipment. 4-wire supports analog data transmission speeds of up to 19.2 Kbps. The rates for Voice Grade Channels as described in 4.2.2 preceding are as follows:

6.2.2.1 This service consists of making Voice Grade capacity available on a Dedicated access basis.

6.2.2.2 Voice Grade Service Rates

	<u>Recurring Per Month</u>
Channel Termination, per point of termination	
- 2-wire voice/analog data	ICB
- 4-wire voice/analog data	ICB
Channel Mileage	
- fixed	ICB
- per mile	ICB
	<u>Installation</u>
Channel Termination, per point of termination	
- 2-wire voice/analog data	ICB
- subsequent, same location	ICB
- 4-wire voice/analog data	ICB
- subsequent, same location	ICB

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

6. SPECIAL ACCESS RATES (Cont.)

6.2 Transmission Service (Cont.)

6.2.3 Digital Data Services

Digital Data Service is provided at transmission rates of 2.4, 4.8, 9.6, 19.2, 56 and 64 Kbps.

6.2.3.1 This service consists of making DS-0 capacity available on a Dedicated access basis.

6.2.3.2 Digital Data Rates

Channel Termination, per point of termination	<u>Recurring Per Month</u>
2.4 Kbps	ICB
4.8 Kbps	ICB
9.6 Kbps	ICB
19.2 Kbps	ICB
56.0 Kbps	ICB
64.0 Kbps	ICB
Subsequent, same location	
2.4 Kbps	ICB
4.8 Kbps	ICB
9.6 Kbps	ICB
19.2 Kbps	ICB
56.0 Kbps	ICB
64.0 Kbps	ICB

6.2.4 Fractional T-1 Service

Fractional T-1 is an unchannelized DS-1, available at intermediate Bit rates, in increments of either 56 Kbps or 64 Kbps, e.g. 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, and 768 Kbps, and can be tailored to meet individual Customer requirements.

6.2.4.1 Fractional T-1 Rates

	<u>Recurring Per Month</u>
Channel Termination, per point of termination	ICB
Subsequent, same location	ICB
Channel Mileage	
- fixed	ICB
- per mile	ICB
	<u>Installation</u>
Channel Termination, per point of termination	ICB
Subsequent, same location	ICB

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

6. SPECIAL ACCESS RATES (Cont.)

6.2 Transmission Service (Cont.)

6.2.5 DS-1 Service

DS-1 Service is a digital transmission facility of 1.544 Mbps with a capacity of up to 24 analog or digital Channels. This service supports voice, analog data, digital data, and video.

6.2.5.1 This service consists of making DS-1 capacity available on a Dedicated access basis.

6.2.5.2 DS-1 Rates

	<u>Recurring Per Month</u>	<u>2 Year</u>	<u>5 year</u>
Channel Termination per point of termination	ICB	ICB	ICB
Channel Mileage			
- fixed	ICB	ICB	ICB
- per mile	ICB	ICB	ICB
Optional Features			
- multiplexing DS-1 to Voice	ICB	ICB	ICB
- multiplexing DS-1 to Digital Data	ICB	ICB	ICB
<u>Installation</u>			
	<u>First Service Non-Recurring</u>	<u>Additional Service Non-Recurring</u>	
Channel Termination	ICB	ICB	
Fixed Mileage	ICB	ICB	
Per Mile	ICB	ICB	

Issued:

Julie L. Davis
Manager, Rates and Tariffs

Effective:

MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

6. SPECIAL ACCESS RATES (Cont.)

6.2 Transmission Service (Cont.)

6.2.6 DS-3 Service

DS-3 Service is a digital transmission facility of 44.736 Mbps with a capacity of 28 DS-1 Channels or 672 Voice, Analog Data or Digital Data Channels.

6.2.6.1 This service consists of making DS-3 capacity available on a Dedicated access basis.

6.2.6.2 DS-3 Rates

	<u>Recurring Per Month</u>
Channel Termination, per point of termination	ICB
Subsequent, same location	ICB
Channel Mileage	
- fixed	ICB
- per mile	ICB
Optional Features	
- multiplexing DS-1 to DS-3	ICB
<u>Installation</u>	
Channel Termination, per point of termination	ICB
Subsequent, same location	ICB
Channel Mileage	
- fixed	ICB
- per mile	ICB
Optional Features	
- multiplexing, DS-3 to DS-1	ICB

6.2.7 Service Calls

When a Customer reports trouble to the Company for clearance and no trouble is found in the Company facilities, the Customer may be responsible for payment of a charge calculated from the time Company personnel are dispatched to the Customer Premise until the work is completed.

6.2.7.1 Service Call Charge Rates

Per hour rate, per technician	ICB
----------------------------------	-----

6.2.8 Individual Case Basis Arrangements

When the Company furnishes a facility or service for which a rate or charge is not specified in the Company's tariffs, charges will be determined on an Individual Case Basis. Specialized rates or charges will be made available to similarly situated Customers on a nondiscriminatory basis.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

7. SWITCHED ACCESS RATES

This section contains the specific regulations governing the rates and charges that apply for Switched Access Services:

7.1 There are three types of rates and charges that apply to Switched Access Service. These are monthly Recurring Charges, usage rates and Non-Recurring Charges.

7.1.1 Monthly Recurring Charges: Monthly Recurring Charges are flat rates for facilities that apply each month or fraction thereof that a specific rate element is provided.

7.1.2 Usage Rates: Usage rates are rates that are applied on a per access minute or per query basis. Usage rates are accumulated over a monthly period.

7.1.3 Non-Recurring Charges: Non-Recurring charges are one time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service).

7.1.3.1 Installation of Service: Non-Recurring charges apply to each Switched Access Service installed. The charge is applied per line or Trunk.

7.2 Application of Rates

7.2.1 Direct Connect: The Direct Connect Option 1 rate is assessed based on the total of the monthly facilities charge and the monthly usage charge. The monthly facilities charge consists of a fixed rate based on the type of the facilities, i.e., DS1 or DS3, and a per mile rate. The monthly facilities charge will not apply when the Customer's Point of Presence is On-Net. The fixed rate and the per mile rate for Off-Net Customer's will be calculated on an Individual Case Basis.

The Direct Connect Option 2 rate is assessed based on the total of the Termination Charge, Network Charge and the Local Switching Center Charge in addition to any applicable monthly facility charge. Except for the facility charge, each of these components is based on a per minute rate structure.

The Tandem Overflow rates will apply, based on the option chosen, for all Direct Connect usage which overflows to the Access Tandem.

Rates and charges for Direct Connect and Tandem Overflow are set forth in Sections 7.4.4.1 and 7.4.4.1.1, respectively.

7.2.2 Tandem Connect: The Tandem Connect Option 1 rate is assessed on a per minute of use basis and is applicable to all tandem routed Switched Access Service minutes of use. The rate will vary based on whether the traffic is originating or terminating. Rates and charges are set forth in Section 7.4.4.2 following.

The Tandem Connect Option 2 rate is assessed based on the total of the Termination Charge, Network Charge and Local Switching Center Charge. Each of these components is based on a per minute rate structure.

Rates and charges for Tandem Connect are set forth in Section 7.4.4.2.

7.2.3 8XX Number Translation Charge: The 8XX Number Translation Charge applies for the translation of a specific 8XX number to a ten digit telephone number on a per query basis.

Issued:

Julie L. Davis
Manager, Rates and Tariffs

Effective:

MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

7. SWITCHED ACCESS RATES (Cont.)

- 7.3 Billing of Access Minutes: When recording originating calls over FGD with multifrequency address signaling, usage measurement begins when the first wink supervisory signal is forwarded from the Customer's facilities. The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating End User's Local Switching Center (indicating that the originating End User has disconnected), or the Customer's facilities, whichever is recognized first by the entry switch. 7.3

For terminating calls over FGD with multifrequency address signaling, the measurement of access minutes begins when a seizure signal is received from the Carrier's Trunk group at the Point of Presence within the LATA. The measurement of terminating call usage over FGD ends when a disconnect signal is received, indicating that either the originating or terminating user has disconnected.

When recording originating calls over FGD with SS7 signaling, usage measurement begins with the transmission of the initial address message by the switch for direct Trunk groups and with the receipt of an exit message by the switch for tandem Trunk groups. The measurement of originating FGD usage ends when the entry switch receives or sends a release message, whichever occurs first.

For terminating calls over FGD with SS7 signaling, the measurement of access minutes begins when the terminating recording switch receives the initial address message from the terminating End User. On directly routed Trunk groups or on tandem routed Trunk groups, the Company switch receives the initial address message and sends the indication to the Customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

7. SWITCHED ACCESS RATES (Cont.)

7.4 Rates and Charges

7.4.1 Service Implementation

A. Installation Charge (Per Trunk)

	<u>DS-1</u>	<u>DS-3</u>
On-Net	N/A	N/A
Off-Net	ICB	ICB

7.4.2 Change Charges (per order)

	<u>Per Occurrence</u>
A. Service Date	\$X.XX
B. Design Changes	\$X.XX
C. Expedite Charge	\$X.XX

7.4.3 Cancellation Charges (Per Order) \$X.XX

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

7. SWITCHED ACCESS RATES (Cont.)

7.4 Rates and Charges (Cont.)

7.4.4 Switched Access

7.4.4.1 Direct Connect Charges:

Option 1:

Facility Charge:

Per DS1

On-Net	N/A
Off-Net	Charges for DS1 are determined on an Individual Case Basis.

Per DS3

On-Net	N/A
Off-Net	Charges for DS3 are determined on an Individual Case Basis.

Per Minute Charge:

	<u>Per Access Minute of Originating Use</u>	<u>Per Access Minute of Terminating Use</u>
On-Net	\$X.XX	\$X.XX
Off-Net	\$X.XX	\$X.XX

Option 2: In addition to the charges listed below, for Off-Net Customers, the Direct Connect facility charge specified in Section 7.4.4.1 will also apply:

Per Access Minute of Originating Use:

	<u>Termination Charge</u>	<u>Network Charge</u>	<u>Local Switching Center Charge</u>
On-Net	\$X.XX	\$X.XX	\$X.XX
Off-Net	\$X.XX	\$X.XX	\$X.XX

Per Access Minute of Terminating Use:

	<u>Termination Charge</u>	<u>Network Charge</u>	<u>Local Switching Center Charge</u>
On-Net	\$X.XX	\$X.XX	\$X.XX
Off-Net	\$X.XX	\$X.XX	\$X.XX

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective:

Access Services

7. SWITCHED ACCESS RATES (Cont.)

7.4 Rates and Charges (Cont.)

7.4.4 Switched Access (Cont.)

7.4.4.1 Direct Connect Charges (Cont.):

7.4.4.1.1 Tandem Overflow

Option 1:

	<u>Per Access Minute of Originating Use</u>	<u>Per Access Minute of Terminating Use</u>
On-Net	SX.XX	SX.XX
Off-Net	SX.XX	SX.XX

Option 2:

Per Access Minute of Originating Use:

	<u>Termination Charge</u>	<u>Network Charge</u>	<u>Local Switching Center Charge</u>
On-Net	SX.XX	SX.XX	SX.XX
Off-Net	SX.XX	SX.XX	SX.XX

Option 2:

Per Access Minute of Terminating Use:

	<u>Termination Charge</u>	<u>Network Charge</u>	<u>Local Switching Center Charge</u>
On-Net	SX.XX	SX.XX	SX.XX
Off-Net	SX.XX	SX.XX	SX.XX

7.4.4.2 Tandem Connect Charges

Option 1:

	<u>Per Access Minute of Originating Use</u>	<u>Per Access Minute of Terminating Use</u>
On-Net	SX.XX	SX.XX
Off-Net	X.XX	SX.XX

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

7. SWITCHED ACCESS RATES (Cont.)

7.4 Rates and Charges (Cont.)

7.4.4 Switched Access (Cont.)

7.4.4.2 Tandem Connect Charges (Cont.)

Option 2:

Per Access Minute of Originating Use:

	<u>Termination Charge</u>	<u>Network Charge</u>	<u>Local Switching Center Charge</u>
On-Net	\$X.XX	\$x.xx	\$x.xx
Off-Net	\$x.xx	\$x.xx	\$x.xx

Per Access Minute of Terminating Use:

	<u>Termination Charge</u>	<u>Network Charge</u>	<u>Local Switching Center Charge</u>
On-Net	\$x.xx	\$x.xx	\$x.xx
Off-Net	\$x.xx	\$x.xx	\$x.xx

7.4.5 Chargeable Optional Features

7.4.5.1 800 Data Base Access Service Basic Query

Per Query
\$x.xx

7.4.5.2 Signaling Transfer Point Access

<u>Monthly Per Mile</u>	<u>Non-Recurring Per Port</u>	<u>Via Third Party</u>
ICB	ICB	ICB

7.4.6 Nonchargeable Optional Features

Supervisory Signaling \$0.00

7.4.7 Feature Group D Optional Features

7.4.7.1 Common Switching Optional Features

Alternate Traffic Routing	\$0.00
Automatic Number Identification	0.00
Cut-Through	0.00
Service Class Routing	0.00
Feature Group D with 950 Access	0.00
Signaling System Seven (SS7)	0.00
Basic Initial Address Message Delivery	0.00
Called Directory Number Delivery	0.00
Flexible Automatic Number Identification Delivery	0.00

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

7 SWITCHED ACCESS RATES (Cont.)

7.5 Special Construction

7.5.1 Basis for Rates and Charges

Rates and charges for Switched Access Special Construction are the same as rates and charges for Special Access Service and are specified in Section 6.1.1 and 6.1.2 preceding.

Issued:

Julie L. Davis

Effective:

Manager, Rates and Tariffs

MCImetro Access Transmission Services, Inc.

780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Access Services

8. BILLING NAME AND ADDRESS

Billing Name and Address (BNA) provides the billing name and address of an end user who has an Automatic Number Identification recorded by the customer (interexchange carriers, operator service providers, enhanced service providers and any other provider of interstate telecommunications services) for telecommunications services rendered by the customer to its end user. The receipt of this information will allow the customer to provide its own billing to end users who may not have established a formal relationship with the customer.

BNA is provided for the sole purpose of permitting the Customer to bill its telephonic communications services to its end users and may not be resold or used for any other purpose, including marketing activity such as market surveys or direct marketing by mail or by telephone. The Customer may not use BNA information to bill for merchandise, gift certificates, catalogs or other services or products.

8.1 UNDERTAKING OF THE COMPANY

- A. All requests for information will be by facsimile.
- B. The Company will specify the format in which requests are to be submitted.
- C. The BNA information will be provided for the calling number furnished to the extent a billing name and address exists in the Company's records. BNA information will not be provided for those end users who have requested that their BNA not be disclosed for collect and bill to third party calls.
- D. The Company will provide the most current BNA information resident in its data base. Due to normal end user account activity, there may be instances where the BNA information provided is not the BNA that was applicable at the time the message originated.

8.2 OBLIGATIONS OF THE CUSTOMER

- A. With each order for BNA Service, the customer shall identify the authorized individual, the address, and or the facsimile to receive the BNA information.

Issued:

Julie L. Davis
Manager, Rates and Tariffs
MCImetro Access Transmission Services, Inc.
780 Johnson Ferry Road, Suite 700, Atlanta, GA 30342

Effective: